

**A DRIVER CIRCUIT FOR SOFT TURNING ON A POWER ELEMENT
CONNECTED TO AN INDUCTIVE LOAD**

Abstract of the Disclosure

A driver circuit drives a power element connected to an inductive load. The driver circuit includes an output terminal, and a first current generator is connected between a voltage reference and the output terminal for providing a first charge current to a control terminal of the power element, which is connected to the output terminal. The driver circuit also includes a second current generator connected in parallel with the first current generator. The second current generator is connected between the voltage reference and the output terminal, and provides the control terminal with a second charge current dependent on a voltage present at the input terminal. The input terminal is connected to a conduction terminal of the power element.

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